

**PORTABLE INFORMATION STORAGE MEDIUM**

**Patent number:** JP2000076139  
**Publication date:** 2000-03-14  
**Inventor:** TANNO MASAOKI; TAKEDA TADAO; BAN KOJI  
**Applicant:** NIPPON TELEGR & TELEPH CORP <NTT>  
**Classification:**  
- **international:** G06F12/14; G06K19/073  
- **european:**  
**Application number:** JP19980243380 19980828  
**Priority number(s):**

**Abstract of JP2000076139**

**PROBLEM TO BE SOLVED:** To erase secret information and to preserve required information upon detecting a physical attack from the outside.

**SOLUTION:** A sensor element 2 detects the physical attack from the outside. A first memory element 3 is a writable/readable memory and a second memory element 5 is a read-only memory capable of write only once. A voltage monitoring means 8 monitors the output voltage of a battery 7. When the physical attack is detected by the sensor element 2 or when the output voltage abnormality of the battery 7 is detected by a voltage monitoring mechanism 8, a memory control mechanism 6 reads information to be preserved from the memory element 3, writes it in the memory element 5 and erases the secret information stored in the memory element 3.

---

Data supplied from the esp@cenet database - Patent Abstracts of Japan

**THIS PAGE BLANK (USPTO)**